

Summary of DAT Conference Call 11/6/2007

Participants: EChappell(DWR), JSpeegle(FWS),
RGartz(DFG), BOppenheim(NOAA),
BPoytress(FWS), LTran(DWR), JWhite(DFG),
LBartoo(FWS), AChu(DWR), DFullerton(MWD),
JSnow(WWD), ADVorak(SWC), JAdib-Samii(DFG),
LSih(CCWD), EGleason(DFG), LKiteck(BR),
BFujimura(DFG), CKao(SCVWA),
TBoardman(SLDMWA)

Conclusions and Recommendation

The passage of juvenile winter-run Chinook continues to decrease at RBDD. Spring yearlings were caught in the Mill Creek screw trap but no older juvenile Chinook were caught at Knights Landing or in the Delta.

The October Fall Midwater Trawl (FMWT) index for delta smelt is 4. The Recovery Index is 5 and is the second lowest on record.

Final copies of the DAT notes are now available on the CALFED Operations website at
<http://www.woco.water.ca.gov/calfedops/datsummaries.html>.

No operational changes were recommended at this time.

Next DAT Conference Call Tuesday, 11/13/2007, 9:00 am - 11:00 am. 916/657-4111.

Chinook Monitoring

Upper Sacramento River

Red Bluff Diversion Dam – For the last week winter-run passage decreased averaging 3,800 per day. So far passage this season is 1.32 million. This is the lowest passage during this period (July 1-November 4) in the last five years.

Late fall Chinook passage also decreased averaging approximately 129 per day. Spring Chinook passage was approximately 189 per day and steelhead passage decreased to approximately 48 per day.

FWS posts biweekly reports on the Bay-Delta and

Tributaries Project website, at
http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php.

Mill Creek – Last week the catch increased to 45 yearling spring-run but was lower than the peak catch in mid-October. DFG did not catch any steelhead in the last week.

Deer Creek – DFG will install the rotary screw trap once the flows increase.

Butte Creek – DFG will install the rotary screw trap once the flows increase. They will start in the in-river tagging program on January 1st.

GCID – Heavy debris affected trap operations again last week. The catch of older juvenile Chinook ranged from 3 to 35 per day.

Knights Landing – DFG did not catch any Chinook or steelhead in the last week. So far this season they have caught 1 fry Chinook.

Delta Monitoring

In the last week, FWS caught one delta smelt in the Chipps Island trawl. A few splittail but no Chinook were caught in the delta monitoring.

Sacramento Kodiak Trawl - 3 sample days, 30 samples. No species of interest.

Lower Sacramento River seine – 1 sample day, 4 samples. No species of interest.

Sacramento Area seine – 2 sample days, 15 samples. FWS caught four splittail but no other species of interest.

North Delta seine - 1 sample day, 7 samples. No species of interest.

Central Delta seine - 1 sample day, 7 samples. No species of interest.

South Delta seine - 1 sample day, 7 samples. No species of interest.

Mossdale Kodiak Trawl - 3 sample days, 30 samples.
No species of interest.

San Joaquin River seine - 1 sample day, 1 sample.
No species of interest.

Chippis Island Midwater Trawl - 3 sample days, 39 samples. FWS caught one delta smelt (72mm) but no other species of interest.

Bay seine - 1 sample day, 4 samples. No species of interest.

Delta Action 8 – This year the Delta Action 8 experiment will have two release groups. The first release will be in December with the DCC open, if possible. The second release will be in January with the gates closed. Both CWT and acoustic tags will be used again this year.

Spring Surrogate Releases – The November and December release groups of Coleman Hatchery late-fall Chinook will be combined again this year. The Chinook will be released in late November.

Delta Smelt Monitoring

FMWT – The October Fall Midwater Trawl (FMWT) index for delta smelt is 4. The Recovery Index is 5 and is the second lowest on record. DFG will conduct the November survey from November 5th to November 16th.

DSWG – No update.

Salvage Facilities

Chinook – None.

Steelhead – None.

Delta smelt – None.

Splittail – None.

Longfin smelt - None.

Sturgeon – SWP salvaged 9 white sturgeon last week for a season total of 15. CVP has not salvaged any

white sturgeon so far this season.

The DFG Salvage Database is available on the DFG ftp site (<ftp://ftp.delta.dfg.ca.gov/salvage/>).

Head of Old River and Agricultural Barriers

HORB - DFG requested that the removal of the barrier be postponed until November 15th. DWR will open three of the six culverts to protect water levels while the agricultural barriers are removed.

Ag. Barriers – The removal of the Old River barrier began yesterday, 11/5. The removal of the Grantline barrier will begin today, 11/6. The Middle River barrier is scheduled to be breached on November 27th. DWR expects all in water work to be completed by November 30th.

Operations

SWP -

CCFB – 2,000cfs.

Oroville - 2,450cfs.

X2 - > 81 km.

E/I - 3-day ~54%

San Luis - ~476taf. SWP share of San Luis capacity is 1,062 taf.

EWA - As of end of September, the debt for SWP is approximately 44taf and for CVP is approximately 22taf. SWP began capturing the Merced water for CVP on October 28th using JPOD. EWA purchased 25taf from Merced Irrigation District, due to conveyance losses approximately 22.5taf will be captured by November 12th.

CVP -

Tracy PP - 4,300cfs. The operators will drop one unit on Thursday, 11/8, to help meet the 7-day average Delta Outflow standard.

DCC - open.

Trinity - 300cfs.

Clear Creek - 200cfs.

Keswick – 5,600cfs.

Nimbus – 1,250cfs. A power bypass is scheduled for Friday, 11/9 if necessary to lower water temperatures. The operators noted that water temperatures in Folsom are beginning to drop.

Goodwin – 280cfs.

San Luis - 363taf. CVP share of San Luis capacity is 966 taf.

Flows

Sacramento River at Freeport ~ 8,700cfs.

Fremont Weir ~ 0.

San Joaquin River at Vernalis ~ 2,000cfs.

Delta Outflow ~ 3,032cfs. The 7-day average is 3,662cfs.

Delta Water Quality

The Delta is in balanced conditions. Water quality is okay.

November Water Quality Standards –

Delta Outflow – monthly average $\geq 4,500$ cfs, 7-day average $\geq 3,500$ cfs.

Delta Cross Channel – The gates may be closed for up to 45 days for the protection of Chinook between November 1st and January 31st.

E/I Ratio – 65%

Rio Vista – monthly average $\geq 4,500$ cfs, 7-day average $\geq 3,500$ cfs.

Contra Costa Canal – CI ≤ 250 mg/L. In addition, CI ≤ 150 mg/L for 165 days per year. This portion of the standard has been met for the year.

South Delta – 30-day average EC ≤ 1.0 .

Suisun Marsh = Eastern EC ≤ 15.5 mS/cm; Western EC ≤ 16.5 mS/cm.

Erin Chappell

Environmental Scientist

DWR-DES

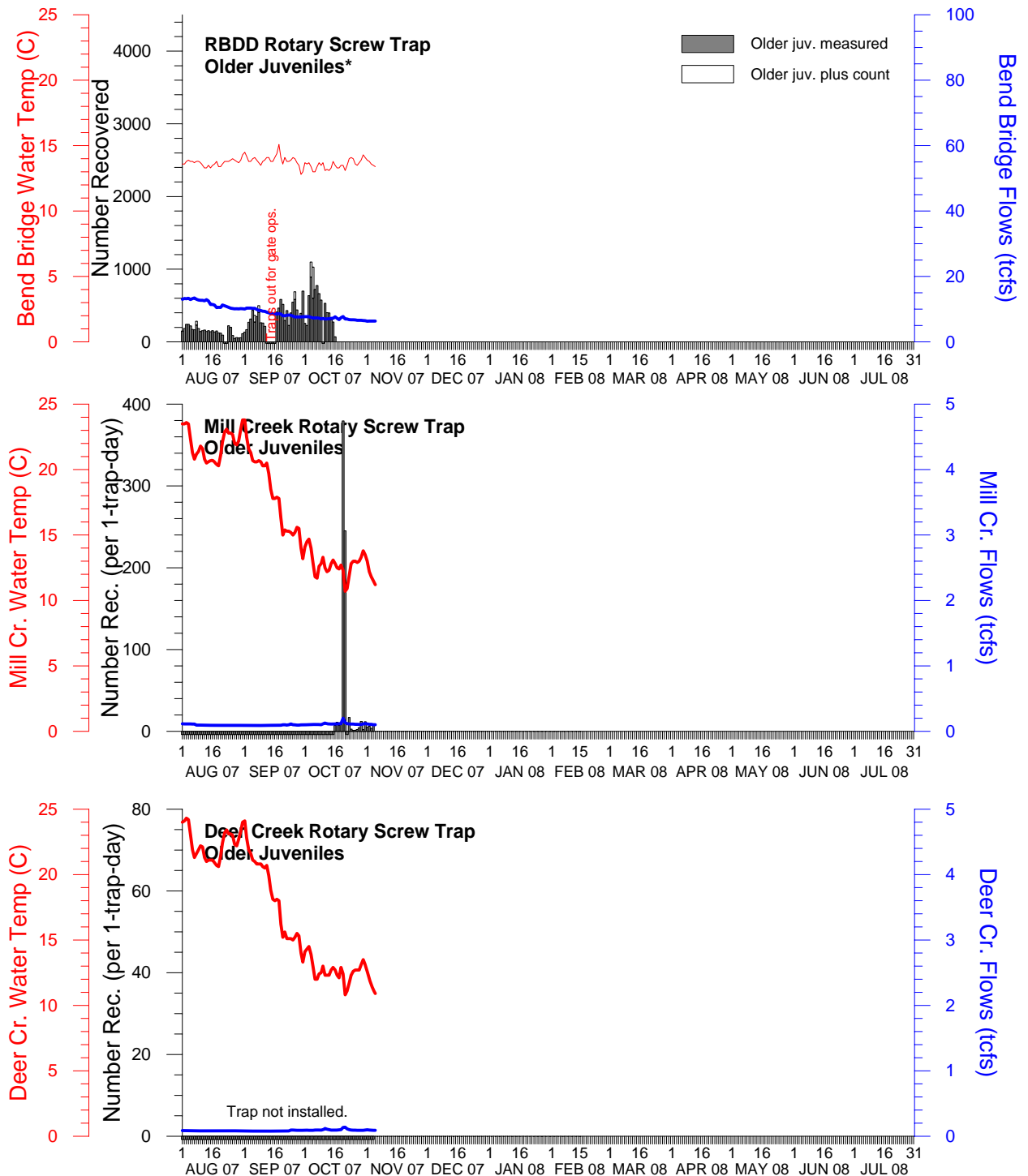
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NUMBER OF JUVENILE CHINOOK MEASURED IN THE UPPER SACRAMENTO RIVER & TRIBUTARIES



DWR-DES 06 NOV 2007

Preliminary, subject to revision

*Older juveniles defined as all Chinook above the minimum winter run length line (Frank Fisher model)

Data Acquisition:

All the data is preliminary and subject to revision.

The catch data for RBDD, Sacramento River Trawl, Sacramento Area Beach Seine, and Chipps Island were obtained from the BDAT website: <http://baydelta.ca.gov> .

The catch data for Mill and Deer creeks were obtained directly from DFG, Red Bluff Juvenile Salmon Monitoring Project.

The catch data for Knights Landing were obtained directly from DFG, Native Anadromous Fish & Watershed Branch.

The hydrology data were obtained from either the CDEC or BDAT websites: <http://cdec.water.ca.gov> or <http://baydelta.ca.gov>.

Project Offices:

Mill Creek - DFG, Red Bluff Juvenile Salmon Monitoring Project

Deer Creek - DFG, Red Bluff Juvenile Salmon Monitoring Project

RBDD - USFWS, Red Bluff Fish & Wildlife Office

Knights Landing - DFG, Native Anadromous Fish & Watershed Branch

Sacramento Trawl - USFWS, Stockton Office Juvenile Salmon Monitoring

Sacramento Area Beach Seine - USFWS, Stockton Office Juvenile Salmon Monitoring Project

Chipps Island Trawl - USFWS, Stockton Office Juvenile Salmon Monitoring Project

Sturgeon Salvage – 10/01/2007 – 11/04/2007

Green Sturgeon

Sample Date

SWP

CVP

None observed at either facility

Total for Green Sturgeon

0

0

White Sturgeon

Sample Date

SWP

CVP

10/21/2007

6

0

11/01/2007

6

0

11/04/2007

3

0

Total for White Sturgeon

15

0

November 5th, 2007